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## NOTES/COMMENTS:

Docket #	P027.03.CIP2+	By:	THD3	Faxing Date	October 31, 2006
Ser. No:	10/665,882	Filing Date:	09/19/04	Inv(s)	Rinerson et al.
Title:	Resistive Memory With A Treated Interface				

The following is being transmitted to the U.S. Patent Office:

Item	Description	# Pgs
1.	Transmittal Form (Form PTO/SB/21)	1
2.	Notice of Appeal (Form PTO/SB/31)	1
3.	Credit Card Payment (Form PTO-2038)	1

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PTO/SB/21 (09-06)

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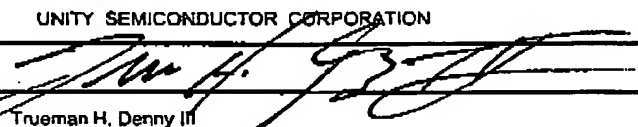
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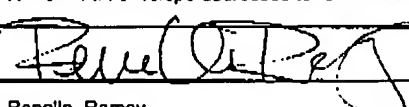
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/665,882	<b>RECEIVED CENTRAL FAX CENTER OCT 31 2006</b>
	Filing Date	09/19/2006	
	First Named Inventor	Darrell Rhinerson, et al.	
	Art Unit	2815	
	Examiner Name	Kralg, William F.	
Total Number of Pages In This Submission	4	Attorney Docket Number	P027.03.CJP2+

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input checked="" type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 1. Unity FAX Cover Sheet - 1 Page 2. Notice of Appeal Form PTO/SB/31 - 1 Page 3. Credit Card Payment Form PTO 2038 - 1 Page		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	UNITY SEMICONDUCTOR CORPORATION		
Signature			
Printed name	Trueman H. Denny III		
Date	October 31, 2006	Reg. No.	44,652

## CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Renella Ramey	Date	October 31, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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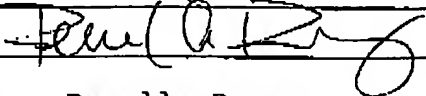
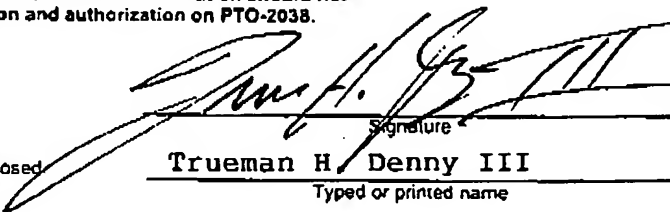
OCT 31 2006

PTO/SB/31 (09-06)

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<b>NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES</b>		Docket Number (Optional) <b>P027.03.CIP2+</b>	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" (37 CFR 1.8(a)) <u>October 31, 2006</u> on _____ Signature <u></u> Typed or printed name <u>Renella Ramey</u>		In re Application of <u>Darrell Rinerson, et al.</u> <hr/> Application Number <u>10/665,882</u> Filed <u>09/19/03</u> <hr/> For <u>Resistive Memory With A</u> <hr/> Art Unit <u>2815</u> Examiner <u>Kraig, William F.</u>	
Applicant hereby appeals to the Board of Patent Appeals and Interferences from the last decision of the examiner.			
The fee for this Notice of Appeal is (37 CFR 41.20(b)(1))		<u>\$ 500.00</u>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is:		<u>\$ 250.00</u>	
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.			
<input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.			
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3904</u> I have enclosed a duplicate copy of this sheet.			
<input type="checkbox"/> A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.			
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>			
I am the		<u></u> Signature	
<input type="checkbox"/> applicant/inventor.		<u>Trueman H. Denny III</u> Typed or printed name	
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96)		<u>(408) 737-7200 x124</u> Telephone number	
<input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>44,652</u>		<u>October 31, 2006</u> Date	
<input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34, _____			
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.			
<input checked="" type="checkbox"/> Total of <u>4</u> forms are submitted.			

This collection of information is required by 37 CFR 41.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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